

Table 1S. Constantly expressed genes and genes affected by 3 α -diol treatment. Expression level represented as Log10 values. Averaged expression at 1, 3 and 6 hours post treatment taken before Log10 conversion.

Genbank	Gene Name	Gene Description	No_Tmt	Average 1-3-6
M74088	APC	adenomatosis polyposis coli	BNT	3.44
L07868	ERBB4	v-erb-a avian erythroblastic leukemia viral oncogene homolog-like 4	BNT	2.65
Z29083	TPBG	5T4 oncofetal trophoblast glycoprotein	BNT	3.97
Y15227	DLEU1	deleted in lymphocytic leukemia, 1	BNT	3.78
U10564	WEE1	wee1+ (S. pombe) homolog	BNT	4.06
M21574	PDGFRA	platelet-derived growth factor receptor, alpha polypeptide	BNT	3.27
X02751	NRAS	neuroblastoma RAS viral (v-ras) oncogene homolog	BNT	4.20
M99437		neurogenic locus notch protein	BNT	4.18
X79483	MAPK12	mitogen-activated protein kinase 12	BNT	2.34
X57110	CBL	Cas-Br-M (murine) ecotropic retroviral transforming sequence	BNT	3.43
D17517	TYRO3	TYRO3 protein tyrosine kinase	BNT	3.81
U02687	FLT3	fms-related tyrosine kinase 3	BNT	3.28
M60915	NF1	neurofibromin 1 (neurofibromatosis, von Recklinghausen disease, Watson disease)	BNT	3.20
X66358	CDKL1	cyclin-dependent kinase-like 1 (CDC2-related kinase)	BNT	3.28
L14837		tight junction protein 1 (zona occludens 1)	BNT	3.86
AF011794	CCPG1	cell cycle progression 8 protein	BNT	2.82
L06895	MXD1	MAX dimerization protein	BNT	3.86
X60188	MAPK3	mitogen-activated protein kinase 3 (MAP kinase 3; MAPK3; PRKM3); extracellular signal-regulated kinase 1 (ERK1); ERT2	BNT	3.58
X06182	KIT	v-kit Hardy-Zuckerman 4 feline sarcoma viral oncogene homolog	BNT	2.97
U15131	ST5	suppression of tumorigenicity 5	BNT	2.95
U66469	CGRRF1	cell growth regulatory with ring finger domain	BNT	2.18
J02958	MET	met proto-oncogene (hepatocyte growth factor receptor)	BNT	2.64
X59727	MAPK4	mitogen-activated protein kinase 4	BNT	2.73
X51630	WT1	Wilms tumor 1	BNT	3.15
U82130	TSG101	tumor susceptibility gene 101	BNT	3.96
X13293	MYBL2	v-myb avian myeloblastosis viral oncogene homolog-like 2	BNT	3.62
M19722		Gardner-Rasheed feline sarcoma viral (v-fgr) oncogene homolog	BNT	1.66
M81934	CDC25B	cell division cycle 25B	BNT	3.87
X12654	RCC1	chromosome condensation 1	BNT	3.16
U92436	PTEN	phosphatase and tensin homolog (mutated)	BNT	4.08

		in multiple advanced cancers 1)		
U23946	RBM5	RNA binding motif protein 5	BNT	3.39
X16706	FOSL2	FOS-like antigen 2	BNT	2.27
X00588	EGFR	epidermal growth factor receptor (avian erythroblastic leukemia viral (v-erb-b) oncogene homolog)	BNT	3.73
AF010314	ENC1	ectodermal-neural cortex (with BTB-like domain)	BNT	2.88
U83410	CUL2	cullin 2	BNT	3.72
U47414	CCNG2	cyclin G2	BNT	3.35
D84212		serine/threonine kinase 6	BNT	3.20
M34065	CDC25C	cell division cycle 25C	BNT	3.35
M80359	MARK3	MAP/microtubule affinity-regulating kinase 3	BNT	4.11
X16707	FOSL1	FOS-like antigen-1	BNT	3.31
U11050	NEK2	NIMA (never in mitosis gene a)-related kinase 2	BNT	2.13
U11732	ETV6	ets variant gene 6 (TEL oncogene)	BNT	3.62
AF001954	ING1	inhibitor of growth 1 family, member 1	BNT	3.56
M74091	CCNC	G1/S-specific cyclin C	BNT	4.13
U18422	TFDP2	transcription factor Dp-2 (E2F dimerization partner 2)	BNT	2.34
U03506	SLC1A1	solute carrier family 1 (neuronal/epithelial high affinity glutamate transporter, system Xag), member 1	BNT	3.70
U24152	PAK1	p21/Cdc42/Rac1-activated kinase 1 (yeast Ste20-related)	BNT	3.52
U08316	RPS6KA3	ribosomal protein S6 kinase, 90kD, polypeptide 3	BNT	3.78
D43636	SNRK	KIAA0096 protein	BNT	3.79
Y09305	DYRK4	dual-specificity tyrosine-(Y)-phosphorylation regulated kinase 4	BNT	4.11
L41349	PLCB4	phospholipase C, beta 4	BNT	3.46
AF036905	LAT	linker for activation of T cells	BNT	3.19
X59656	CRKL	v-crk avian sarcoma virus CT10 oncogene homolog-like	BNT	3.29
X17576	NCK1	NCK adaptor protein 1	BNT	4.01
L11285	MAP2K2	mitogen-activated protein kinase kinase 2	BNT	3.61
X66363	PCTK1	PCTAIRE protein kinase 1	BNT	4.13
D50925	PASK	KIAA0135 protein	BNT	3.66
AF017995	PDPK1	3-phosphoinositide dependent protein kinase-1	BNT	3.19
Y12735	DYRK3	dual-specificity tyrosine-(Y)-phosphorylation regulated kinase 3	BNT	3.04
Y13936	PPM1G	protein phosphatase 1G (formerly 2C), magnesium-dependent, gamma isoform	BNT	3.32
U56976	PDE1B	phosphodiesterase 1B, calmodulin-dependent	BNT	2.31
D17516		adenylate cyclase activating polypeptide 1 (pituitary) receptor type I	BNT	3.14
U45285	TCIRG1	T-cell, immune regulator 1	BNT	3.98
AB004884	TLK2	tousled-like kinase 2	BNT	3.60
Y13115	PLK4	serine/threonine kinase 18	BNT	2.95

AF029082	SFN	stratifin	BNT	3.48
AB000520	SH2B2	adaptor protein with pleckstrin homology and src homology 2 domains	BNT	3.67
U39657	MAP2K6	mitogen-activated protein kinase kinase 6	BNT	2.91
AF017635	STK39	Ste-20 related kinase	BNT	3.54
AB007882	ADCY6		BNT	3.42
U61166	ITSN1	SH3p17 protein	BNT	2.83
M62403	IGFBP4	insulin-like growth factor-binding protein 4	BNT	3.59
AF000936	SH3BP2	SH3-binding protein 2	BNT	3.16
U78876	MAP3K3	mitogen-activated protein kinase kinase kinase 3	BNT	3.05
AF005216	JAK2	Janus kinase 2 (a protein tyrosine kinase)	BNT	3.58
D86550	DYRK1A	dual-specificity tyrosine-(Y)-phosphorylation regulated kinase 1A	BNT	3.74
Z35102	STK38	serine threonine protein kinase	BNT	4.07
X92972	PPP6C	protein phosphatase 6, catalytic subunit	BNT	4.04
Y07923	RND1	GTP-binding protein	BNT	3.28
D84476	MAP3K5	mitogen-activated protein kinase kinase kinase 5	BNT	3.67
D79997	MELK	KIAA0175 gene product	BNT	4.01
M25393	PTPN2	neutrophil cytosolic factor 1 (47kD, chronic granulomatous disease, autosomal 1)	BNT	3.92
U48959	MYLK	smooth muscle & non-muscle myosin light chain kinase (MLCK)	BNT	3.56
L41816	CAMK1	calcium/calmodulin-dependent protein kinase I	BNT	4.03
U43195	ROCK1	Rho-associated, coiled-coil containing protein kinase 1	BNT	3.28
L11329	DUSP2	dual specificity phosphatase 2	BNT	3.57
S46622	PPP3CC	protein phosphatase 3 (formerly 2B), catalytic subunit, gamma isoform (calcineurin A gamma)	BNT	2.72
M31606	PHKG2	placental protein 11 (serine proteinase)	BNT	3.35
U53442		mitogen-activated protein kinase 11	BNT	2.56
U89896	CSNK1G2	casein kinase 1, gamma 2	BNT	3.90
AF004709	MAPK13	mitogen-activated protein kinase 13	BNT	3.09
L42373	PPP2R5A	protein phosphatase 2, regulatory subunit B (B56), alpha isoform	BNT	4.22
X13967	LIF	leukemia inhibitory factor (cholinergic differentiation factor)	BNT	3.14
U23435	ABI2	abl-interactor 12 (SH3-containing protein)	BNT	2.52
L31951	MAPK9	mitogen-activated protein kinase 9	BNT	3.98
M77198	AKT2	v-akt murine thymoma viral oncogene homolog 2	BNT	3.16
U59305	CDC42BP A	Ser-Thr protein kinase related to the myotonic dystrophy protein kinase	BNT	2.66
L42374	PPP2R5B	protein phosphatase 2, regulatory subunit B (B56), beta isoform	BNT	2.62
U34819	MAPK10	mitogen-activated protein kinase 10	BNT	3.51
M34182		protein kinase, cAMP-dependent, catalytic, gamma	BNT	3.25
L34075	FRAP1	FK506 binding protein 12-rapamycin	BNT	1.63

		associated protein 1		
U68018	SMAD2	MAD (mothers against decapentaplegic, <i>Drosophila</i>) homolog 2	BNT	3.82
L13616	PTK2	PTK2 protein tyrosine kinase 2	BNT	2.51
X84908	PHKB	phosphorylase kinase, beta	BNT	3.82
L76703	PPP2R5E	protein phosphatase 2, regulatory subunit B (B56), epsilon isoform	BNT	3.01
U10550	GEM	GTP-binding protein overexpressed in skeletal muscle	BNT	3.94
U88666	SRPK2	SFRS protein kinase 2	BNT	3.35
AF023456	PPEF2	protein phosphatase, EF hand calcium-binding domain 2	BNT	2.30
Z46973	PIK3C3	phosphoinositide-3-kinase, class 3	BNT	3.76
U40282	ILK	integrin-linked kinase	BNT	3.66
L35253		mitogen-activated protein kinase 14	BNT	3.78
X16316	VAV1	vav 1 oncogene	BNT	3.37
U48251		protein kinase C binding protein 1	BNT	3.96
U49379	DGKE	diacylglycerol kinase, epsilon (64kD)	BNT	2.75
M33294	TNFRSF1A	tumor necrosis factor receptor superfamily, member 1A	BNT	3.14
S83171		BCL2-binding athanogene 1 (BAG1); glucocorticoid receptor-associated protein RAP46	BNT	4.17
U77352	MADD	MAP-kinase activating death domain	BNT	3.46
U23765	BAK1	BCL2-antagonist/killer 1	BNT	3.38
AF013263	APAF1	apoptotic protease activating factor	BNT	2.96
X64318	NFIL3	nuclear factor, interleukin 3 regulated	BNT	3.36
Z70519	FAS	fas soluble protein; apoptosis antigen 1 (APO1; APT1) [alternatively spliced]	BNT	3.14
L22474	BAX	BCL2-associated X protein	BNT	3.45
U33286	CSE1L	chromosome segregation 1 (yeast homolog)-like	BNT	3.57
AF010127	CFLAR	casper, a FADD- and caspase-related inducer of apoptosis (CASH-alpha + CASH-beta); FLAME-1; FLICE-like inhibitory protein	BNT	2.39
Y07867	PIR	Pirin	BNT	4.29
AF016268	TNFRSF10B	tumor necrosis factor receptor superfamily, member 10b	BNT	1.92
X76105	DAP	death-associated protein	BNT	3.47
U09477	TP53BP1	tumor protein p53-binding protein, 1	BNT	3.89
U01351	NR3C1	nuclear receptor subfamily 3, group C, member 1	BNT	2.98
Y14443	ZNF200	zinc finger protein 200	BNT	1.93
AF029761	TNFRSF10D	tumor necrosis factor receptor superfamily, member 10d, decoy with truncated death domain	BNT	3.54
U13021	CASP2	caspase 2, apoptosis-related cysteine protease (neural precursor cell expressed, developmentally down-regulated 2)	BNT	4.07
U59747	BCL2L2	BCL2-like 2	BNT	3.79
U69161	HTATIP2	Tat-interacting protein (30kD)	BNT	3.59

L08246	MCL1	myeloid cell leukemia sequence 1 (BCL2-related)	BNT	4.22
M18112	PARP1	ADP-ribosyltransferase (NAD ⁺ ; poly (ADP-ribose) polymerase)	BNT	3.81
U76248	SIAH2	seven in absentia (Drosophila) homolog 2	BNT	3.91
X74330	PRIM1	primase, polypeptide 1 (49kD)	BNT	3.84
U18018	ETV4	ets variant gene 4 (E1A enhancer-binding protein, E1AF)	BNT	2.84
U28014	CASP4	caspase 4, apoptosis-related cysteine protease	BNT	3.71
U45880		baculoviral IAP repeat-containing 4	BNT	3.38
U86529	GSTZ1	glutathione transferase zeta 1 (maleylacetoacetate isomerase)	BNT	4.03
AF006513	CHD1	chromodomain helicase DNA binding protein 1	BNT	3.35
U07418	MLH1	mutL (E. coli) homolog 1 (colon cancer, nonpolyposis type 2)	BNT	2.31
U04045	MSH2	mutS (E. coli) homolog 2 (colon cancer, nonpolyposis type 1)	BNT	2.01
AF015950	TERT	telomerase reverse transcriptase	BNT	2.83
X61498	NFKB2	nuclear factor of kappa light polypeptide gene enhancer in B-cells 2 (p49/p100)	BNT	3.57
U25029	NR3C1	glucocorticoid receptor alpha variant	BNT	2.59
L22647	PTGER1	prostaglandin E receptor 1 (subtype EP1), 42kD	BNT	2.99
U18321	DAP3	death associated protein 3	BNT	3.57
U54777	MSH6	mutS (E. coli) homolog 6	BNT	3.90
M60974	GADD45A	growth arrest and DNA-damage-inducible, alpha	BNT	3.98
X13403	POU2F1	POU domain, class 2, transcription factor 1	BNT	3.35
L19872		aryl hydrocarbon receptor	BNT	3.56
U13695		postmeiotic segregation 1	BNT	3.70
AF022778	MRE11A	meiotic recombination (S. cerevisiae) 11 homolog B	BNT	3.82
M91196	IRF8	interferon consensus sequence binding protein 1	BNT	3.33
M55422	ZNF117	Krueppel-related zinc finger protein	BNT	3.74
U33821	TAX1BP1	Tax1 (human T-cell leukemia virus type I) binding protein 1	BNT	4.21
U32645	ELF4	E74-like factor 4 (ets domain transcription factor)	BNT	3.67
U43431	TOP3A	topoisomerase (DNA) III alpha	BNT	2.49
AF007871	TOR1A	dystonia 1, torsion (autosomal dominant; torsin A)	BNT	3.83
M69043	NFKBIA	nuclear factor of kappa light polypeptide gene enhancer in B-cells inhibitor, alpha	BNT	3.86
U66075	GATA6	GATA-binding protein 6	BNT	4.02
U63139	RAD50	RAD50 (S. cerevisiae) homolog	BNT	3.38
U75285		baculoviral IAP repeat-containing 5 (survivin)	BNT	3.77
X91992	ALKBH1	alkylation repair; alkB homolog	BNT	3.56
X15265		cholinergic receptor, muscarinic 4	BNT	3.74

U84249	MAFG	v-maf musculoaponeurotic fibrosarcoma (avian) oncogene family, protein G	BNT	3.76
U78798	TRAF6	TNF receptor-associated factor 6	BNT	2.12
U37448	CASP7	caspase 7, apoptosis-related cysteine protease	BNT	2.68
M63488	RPA1	replication protein A1 (70kD)	BNT	4.37
M30938	XRCC5	X-ray repair complementing defective repair in Chinese hamster cells 5 (double-strand-break rejoining; Ku autoantigen, 80kD)	BNT	3.17
D21089	XPC	xeroderma pigmentosum, complementation group C	BNT	3.55
M83221	RELB	v-rel avian reticuloendotheliosis viral oncogene homolog B (nuclear factor of kappa light polypeptide gene enhancer in B-cells 3)	BNT	3.90
D14825		cAMP responsive element modulator	BNT	4.05
U85658	TFAP2C	transcription factor AP-2 gamma (activating enhancer-binding protein 2 gamma)	BNT	4.29
J03171	IFNAR1	interferon (alpha, beta and omega) receptor 1	BNT	3.66
AF000546	P2RY5	purinergic receptor (family A group 5)	BNT	2.80
U40434	MSLN	mesothelin	BNT	3.02
U46194	RAGE	RAGE-4 ORF3	BNT	3.08
M33195	FCER1G	Fc fragment of IgE, high affinity I, receptor for; gamma polypeptide	BNT	3.54
M37722	FGFR1	fibroblast growth factor receptor1 (FGFR1); basic fibroblast growth factor receptor (BFGFR); fms-like tyrosine kinase 2 (FLT2); heparin-binding growth factor receptor alpha A (HBGFR-alpha A)	BNT	3.34
U77604	MGST2	microsomal glutathione S-transferase 2	BNT	4.22
X83703	ANKRD1	cardiac ankyrin repeat protein	BNT	3.57
U87459	CTAG1B	cancer/testis antigen	BNT	2.31
U37139	ITGB3BP	integrin beta 3 binding protein (beta3-endonexin)	BNT	3.07
L11373	PCDHGC3	protocadherin gamma subfamily C, 3	BNT	3.39
AF011466	EDG4	endothelial differentiation, lysophosphatidic acid G-protein-coupled receptor, 4	BNT	3.77
U90313	GSTO1	glutathione-S-transferase like; glutathione transferase omega	BNT	4.23
D50405	HDAC1	histone deacetylase 1	BNT	4.06
M60618	SP100	nuclear antigen Sp100	BNT	3.38
Z17227	IL10RB	interleukin 10 receptor, beta	BNT	2.93
AF027208	PROM1	prominin (mouse)-like 1	BNT	2.76
U20979	CHAF1A	chromatin assembly factor 1, subunit A (p150)	BNT	4.07
X12451	CTSL1	cathepsin L	BNT	2.82
M22324	ANPEP	myosin, light polypeptide 3, alkali; ventricular, skeletal, slow	BNT	3.61
U41804	TMED1	putative T1/ST2 receptor binding protein	BNT	1.32
AF031385	CYR61	cysteine-rich, angiogenic inducer, 61	BNT	3.40
L16862	GRK6	G protein-coupled receptor kinase 6	BNT	3.46

U41766	ADAM9	a disintegrin and metalloproteinase domain 9 (meltrin gamma)	BNT	3.55
X61157	ADRBK1	adrenergic, beta, receptor kinase 1	BNT	3.84
X05231	MMP1	matrix metalloproteinase 1 (interstitial collagenase)	BNT	2.62
X98296	USP9X	ubiquitin specific protease 9, X chromosome (Drosophila fat facets related)	BNT	3.20
X16468	COL2A1	collagen, type II, alpha 1 (primary osteoarthritis, spondyloepiphyseal dysplasia, congenital)	BNT	3.38
M14743	IL3	interleukin 3 (colony-stimulating factor, multiple)	BNT	3.96
X05610	COL4A2	collagen, type IV, alpha 2	BNT	3.44
M92993	COL4A3	collagen, type IV, alpha 3 (Goodpasture antigen)	BNT	3.86
U63717	OSTF1	osteoclast stimulating factor 1	BNT	3.58
M34570	COL6A2	collagen VI alpha 2 subunit (COL6A2)	BNT	2.79
U36223	FGF8	fibroblast growth factor 8 (androgen-induced)	BNT	3.87
U39487	XDH	xanthine dehydrogenase	BNT	3.30
L41840		RAN binding protein 2	BNT	3.93
U97188	IGF2BP3	IGF-II mRNA-binding protein 3	BNT	4.01
D50918	SEPT6	KIAA0128 protein; septin 2	BNT	3.79
S52784	CTH	cystathionase (cystathionine gamma-lyase)	BNT	3.97
Z29074	KRT17	keratin 9 (epidermolytic palmoplantar keratoderma)	BNT	3.11
X03212	KRT7	keratin 7 (KRT7; KT7)	BNT	4.38
U36500	SP140	lymphoid-restricted homolog of SP100 protein (LYSP100)	BNT	3.36
U85946	EXOC5	SEC10 (S. cerevisiae)-like 1	BNT	4.00
M19156	KRT10	keratin 10 (epidermolytic hyperkeratosis; keratosis palmaris et plantaris)	BNT	3.83
X66141	MYL2	myosin, light polypeptide 2, regulatory, cardiac, slow	BNT	2.83
V00491		hemoglobin, alpha 1	BNT	3.61
D32002	NCBP1	nuclear cap binding protein subunit 1, 80kD	BNT	4.30
U88964	ISG20	interferon stimulated gene (20kD)	BNT	3.76
D86959	SLK	Ste20-related serine/threonine kinase	BNT	3.75
M60527	DCK	deoxycytidine kinase	BNT	3.87
U67963	MGLL	lysophospholipase-like	BNT	4.29
D78367	KRT12	keratin 12 (Meesmann corneal dystrophy)	BNT	3.74
X56134	VIM	vimentin	BNT	3.81
U27768	RGS4	regulator of G-protein signalling 4	BNT	3.30
X99133		lipocalin 2 (oncogene 24p3)	BNT	4.08
U61234	TBCC	tubulin-specific chaperone c	BNT	4.46
D87469	CELSR2	EGF-like-domain, multiple 2	BNT	3.20
X70904	LAMA4	laminin, alpha 4	BNT	3.28
L27943	CDA	cytidine deaminase	BNT	3.76
X52426	KRT17	keratin 13	BNT	4.10
U59167	DES	desmin	BNT	3.49
M33882	MX1	myxovirus (influenza) resistance 1, homolog	BNT	3.85

		of murine (interferon-inducible protein p78)		
S77512	LAMB2	laminin, beta 2 (laminin S)	BNT	3.54
L11005	AOX1	aldehyde oxidase 1	BNT	3.54
M94065	DHODH	dihydroorotate dehydrogenase	BNT	4.29
J00124		keratin 14 (epidermolysis bullosa simplex, Dowling-Meara, Koebner)	BNT	3.86
U29343	HMMR	hyaluronan-mediated motility receptor (RHAMM)	BNT	3.64
M30818	MX2	RAN, member RAS oncogene family	BNT	3.88
L36529	THOC1	nuclear matrix protein p84	BNT	4.37
AF017786	PPAP2B	phosphatidic acid phosphatase type 2B	BNT	4.37
X95648	EIF2B1	eukaryotic translation initiation factor 2B, subunit 1 (alpha, 26kD)	BNT	4.73
X03557	IFIT1	interferon-induced protein with tetratricopeptide repeats 1	BNT	3.92
S81439	KLF10	TGFB inducible early growth response	BNT	4.04
M61916	LAMB1	laminin, beta 1	BNT	3.69
D63998	MAN2A1	mannosidase, alpha, class 2A, member 1	BNT	3.69
U00238	PAICS	phosphoribosyl pyrophosphate amidotransferase	BNT	4.02
X52142	CTPS	CTP synthase	BNT	4.05
M21772		keratin 16 (KRT16; KT16)	BNT	3.92
M24122	MYL3	ELK1, member of ETS oncogene family	BNT	3.80
M31469	RAN	phosphorylase kinase, gamma 2 (testis)	BNT	4.18
D42045	DCLRE1A	Homolog of yeast DNA-crosslink repair gene SNM1; KIAA0086 gene product	BNT	4.28
X57351	IFITM2	interferon induced transmembrane protein 2 (1-8D)	BNT	3.84
U03886	PNPLA4	GS2 gene	BNT	3.38
J03202	LAMC1	laminin, gamma 1 (formerly LAMB2)	BNT	3.57
U10860	GMPS	guanine monophosphate synthetase	BNT	4.20
M85169	PSCD1	pleckstrin homology, Sec7 and coiled/coiled domains 1 (cytohesin 1)	BNT	4.11
U07231	GRSF1	G-rich RNA sequence binding factor 1	BNT	4.93
U50527	CG018	BRCA2 region clone CG018	BNT	2.70
Y07604	DECR2	non-metastatic cells 4, protein expressed in	BNT	3.89
X90858	UPP1	uridine phosphorylase	BNT	4.27
X55740	NT5E	5' nucleotidase (CD73)	BNT	4.09
X66503		adenylosuccinate synthase	BNT	4.02
Y00503	KRT17	keratin 19	BNT	3.94
M96322	AKAP12	A kinase (PRKA) anchor protein (gravin) 12	BNT	3.94
J05032	DARS	aspartyl-tRNA synthetase	BNT	4.33
X59131	USPL1	highly charged protein	BNT	3.65
X02994	ADA	adenosine deaminase	BNT	4.11
M98776		keratin 1 (epidermolytic hyperkeratosis)	BNT	3.99
U42391		myosin IXB	BNT	4.12
X91809	RGS19	guanine nucleotide binding protein (G protein), alpha inhibiting activity polypeptide 3 interacting protein	BNT	4.37
D87454	KIAA0265	KIAA0265 protein	BNT	4.17
X67325	IFI27	interferon, alpha-inducible protein 27	BNT	3.63

U60062	FEZ1	fasciculation and elongation protein zeta 1 (zygin I)	BNT	3.01
U27460	UGP2	UDP-glucose pyrophosphorylase 2	BNT	4.46
M99063	KRT8	cytokeratin 2	BNT	4.11
X64838	CLIP1	restin (Reed-Steinberg cell-expressed intermediate filament-associated protein)	BNT	4.28
D90070	PMAIP1	phorbol-12-myristate-13-acetate-induced protein 1	BNT	4.39
X89059	CDKL5	unknown protein expressed in macrophages	BNT	3.94
U70451	MYD88	myeloid differentiation primary response gene (88)	BNT	3.95
X89985	BCL7B	B-cell CLL/lymphoma 7B	BNT	4.42
Y12394	KPNA3	karyopherin alpha 3 (importin alpha 4)	BNT	4.58
U17077	MALL	BENE protein	BNT	4.56
Y08263		potassium intermediate/small conductance calcium-activated channel, subfamily N, member 3	BNT	4.10
U90916	SORL1	clone 23815 (IMAGE Consortium human infant brain library 1NIB)	BNT	3.91
U16306	CSPG2	versican core protein; large fibroblast proteoglycan; chondroitin sulfate proteoglycan core protein 2; glial hyaluronate-binding protein (GHAP)	BNT	3.80
X51420	TYRP1	tyrosinase-related protein 1	BNT	4.29
X67683	KRT8	type II cytoskeletal 4 keratin (KRT4); cytokeratin 4 (CK4)	BNT	4.22
D44497	CORO1A	coronin, actin-binding protein, 1A	BNT	4.31
U34605	IFIT5	retinoic acid- and interferon-inducible protein (58kD)	BNT	4.57
Z21707	ZNF197	zinc finger protein 197	BNT	4.15
J03040	SPARC	secreted protein, acidic, cysteine-rich (osteonectin)	BNT	3.74
L16991		deoxythymidylate kinase (thymidylate kinase)	BNT	4.14
M77349	TGFBI	transforming growth factor, beta-induced, 68kD	BNT	4.05
M21389	KRT5	keratin 5 (epidermolysis bullosa simplex, Dowling-Meara/Kobner/Weber-Cockayne types)	BNT	4.07
Z25535	NUP153	nucleoporin 153kD	BNT	4.52
X98743	DDX18	DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide 18 (Myc-regulated)	BNT	4.90
D25274	RAC1	chromosome 4p clone PO2ST9 (human brain striatum cDNA)	BNT	4.28
V00530		hypoxanthine phosphoribosyltransferase 1 (Lesch-Nyhan syndrome)	BNT	3.90
M27364		immunoglobulin lambda-like polypeptide 1	5.18	6.58
X01677	GAPDH	glyceraldehyde-3-phosphate dehydrogenase	5.23	6.31
X03342	RPL32	ribosomal protein L32	4.85	6.20
M60854	RPS16	ribosomal protein S16	4.67	6.09
U79718	NTHL1	nth (E.coli endonuclease III)-like 1	5.73	5.97
X51466	EEF2	eukaryotic translation elongation factor 2	4.64	5.72

AF019770	GDF15	prostate differentiation factor	4.53	5.70
L16785	NME1	non-metastatic cells 2, protein (NM23B) expressed in	4.85	5.69
X56932	RPL13A	ribosomal protein L13a	5.16	5.56
M73791	RPL10	ribosomal protein L10	4.38	5.54
U14970	RPS5	ribosomal protein S5	4.56	5.50
L33842		IMP (inosine monophosphate) dehydrogenase 2	4.19	5.44
X65923	FAU	Finkel-Biskis-Reilly murine sarcoma virus (FBR-MuSV) ubiquitously expressed (fox derived); ribosomal protein S30	4.10	5.40
M15353	EIF4E	eukaryotic translation initiation factor 4E	3.75	5.39
M26880		ubiquitin C	4.69	5.37
K00558	TUBA1A	tubulin, alpha, ubiquitous	4.76	5.28
U85625	RNASET2	ribonuclease 6 precursor	3.70	5.26
D30658	GARS	glycyl-tRNA synthetase	3.88	5.26
S74678	HNRPK	heterogeneous nuclear ribonucleoprotein K	4.19	5.23
U14966	RPL5	ribosomal protein L5	4.46	5.22
U08854	UGT2B15	UDP glycosyltransferase 2 family, polypeptide B15	3.98	5.21
X69550	ARHGDI A	Rho GDP dissociation inhibitor (GDI) alpha	4.48	5.19
M37104	ATP5J	ATP synthase, H ⁺ transporting, mitochondrial F0 complex, subunit F6	4.22	5.19
U51004		histidine triad nucleotide-binding protein	3.88	5.19
M12623	HMG N2	high-mobility group (nonhistone chromosomal) protein 17	3.46	5.18
U48296	PTP4A1	protein tyrosine phosphatase type IVA, member 1	3.97	5.16
M34181	PRKACB	protein kinase, cAMP-dependent, catalytic, beta	4.39	5.15
X79981	CDH5	cadherin 5, VE-cadherin (vascular epithelium)	4.39	5.12
U37436	ATIC	5-aminoimidazole-4-carboxamide ribonucleotide formyltransferase/IMP cyclohydrolase	3.48	5.10
M38690	CD9	CD9 antigen (p24)	3.81	5.09
X16277		ornithine decarboxylase 1	3.23	5.08
L25080	RHOA	ras homolog gene family, member A	4.21	5.08
X66365	CDK6	cyclin-dependent kinase 6	4.26	5.06
M99487	FOLH1	folate hydrolase (prostate-specific membrane antigen) 1	3.97	5.04
M25753	CCNB1	cyclin B1	3.69	5.02
Y00711	LDHB	lactate dehydrogenase B	2.92	5.02
M29870	RAC1	ras-related C3 botulinum toxin substrate 1 (rho family, small GTP binding protein Rac1)	3.88	5.01
X65372	PTBP1	polypyrimidine tract binding protein (heterogeneous nuclear ribonucleoprotein I)	3.93	5.00
M15796	PCNA	proliferating cell nuclear antigen	3.66	5.00
M13267		cytosolic superoxide dismutase 1 (SOD1)	4.27	4.98
D14664	CD302	KIAA0022 gene product	3.42	4.98
U31383	GNG10	guanine nucleotide binding protein 10	3.92	4.98
V00568	MYC	v-myc avian myelocytomatosis viral	4.92	4.97

		oncogene homolog		
X17620	NME1	non-metastatic cells 1, protein (NM23A) expressed in	3.97	4.97
X74262	RBBP4	retinoblastoma-binding protein 4	3.77	4.97
S80437	FASN	fatty acid synthase	3.97	4.96
L04483	RPS21	ribosomal protein S21	3.86	4.95
J02683	SLC25A5	solute carrier family 25 (mitochondrial carrier; adenine nucleotide translocator), member 5	3.36	4.95
U12595	TRAP1	heat shock protein 75	3.84	4.93
U15782	CSTF3	cleavage stimulation factor, 3' pre-RNA, subunit 3, 77kD	2.99	4.90
D25216	LRRC14	KIAA0014 gene product	3.01	4.89
X67081		H4 histone family, member I	4.15	4.88
U14971	RPS9	ribosomal protein S9	4.13	4.88
M29366	ERBB3	v-erb-b2 avian erythroblastic leukemia viral oncogene homolog 3	4.38	4.88
U83117	SUMO1	ubiquitin-like 1 (sentrin)	3.74	4.87
M74524	UBE2A	ubiquitin-conjugating enzyme E2A (RAD6 homolog)	4.33	4.86
U72511	PHB2	B-cell associated protein	4.00	4.83
D89667		prefoldin 5	3.71	4.83
X63679	TRAM1	translocating chain-associating membrane protein	3.49	4.83
U28918	ST13	suppression of tumorigenicity 13 (colon carcinoma) (Hsp70-interacting protein)	4.04	4.81
X79067		butyrate response factor 1 (EGF-response factor 1)	4.25	4.80
U47413	CCNG1	cyclin G1	3.10	4.80
D21235	RAD23A	RAD23 (S. cerevisiae) homolog A	4.60	4.79
U70310	FANCG	Fanconi anemia, complementation group G	4.45	4.78
U59435	PA2G4	proliferation-associated 2G4, 38kD	4.31	4.75
U11791	CCNH	cyclin H	3.07	4.74
Y08614	XPO1	exportin 1 (CRM1, yeast, homolog)	2.66	4.73
U43901		laminin receptor 1 (67kD, ribosomal protein SA)	3.84	4.72
L22253	SFRS7	splicing factor, arginine/serine-rich 7 (35kD)	3.12	4.72
Y00285	IGF2R	insulin-like growth factor 2 receptor	3.49	4.71
M23410	JUP	junction plakoglobin	3.76	4.70
X59543	RRM1	ribonucleotide reductase M1 polypeptide	3.66	4.70
L38951	KPNB1	karyopherin (importin) beta 1	3.65	4.70
AB007454	CCL16	small inducible cytokine subfamily A (Cys-Cys), member 16	3.38	4.69
U65928	COPS5	COP9 (constitutive photomorphogenic, Arabidopsis, homolog) subunit 5	2.74	4.68
X97442	TMED10	transmembrane trafficking protein	3.09	4.66
AB002322	SRRM2	RNA binding protein; AT-rich element binding factor	3.52	4.65
X85960		trk-T3; P68 TRK-T3 oncoprotein	4.04	4.65
X05360	CDC2	cell division cycle 2, G1 to S and G2 to M	3.31	4.65
J04111		v-jun avian sarcoma virus 17 oncogene	4.03	4.65

		homolog		
L25081	RHOC	ras homolog gene family, member C	3.63	4.65
M86492	GMFB	glia maturation factor, beta	3.16	4.64
J03626	UMPS	uridine monophosphate synthetase (orotate phosphoribosyl transferase and orotidine-5'-decarboxylase)	3.30	4.64
U35234	PTPRS	protein tyrosine phosphatase, receptor type, S	3.78	4.64
K02770	IL1B	interleukin 1, beta	3.37	4.64
X62534	HMGB2	high-mobility group (nonhistone chromosomal) protein 2	4.30	4.64
U51166		thymine-DNA glycosylase	3.78	4.63
L29511	GRB2	growth factor receptor-bound protein 2	3.47	4.63
U76638	BARD1	BRCA1 associated RING domain 1	3.94	4.63
U78525	EIF3S9	eukaryotic translation initiation factor 3 beta subunit (EIF3-beta; EIF3B)	3.58	4.62
U44378	ELAC1	MAD (mothers against decapentaplegic, Drosophila) homolog 4	3.04	4.62
U96876		insulin induced gene 1	3.08	4.61
U49089	DLG3	discs, large (Drosophila) homolog 3 (neuroendocrine-dlg)	3.37	4.61
U46461		dishevelled 1 (homologous to Drosophila dsh)	3.72	4.61
X62822	ST6GAL1	sialyltransferase 1 (beta-galactoside alpha-2,6-sialyltransferase)	3.00	4.61
U03105	PNRC1	proline-rich protein with nuclear targeting signal	3.23	4.61
M23619	HMGA1	high-mobility group (nonhistone chromosomal) protein isoforms I and Y	3.76	4.60
U37122	ADD3	adducin 3 (gamma)	3.04	4.59
D14878	CDC123	D123 gene product	3.32	4.59
M65199	EDN2	endothelin 2	5.17	4.59
X03168	VTN	vitronectin (serum spreading factor, somatomedin B, complement S-protein)	5.48	4.58
X54942	CKS2	CDC28 protein kinase 2	3.68	4.58
M34671	CD59	CD59 antigen p18-20 (antigen identified by monoclonal antibodies 16.3A5, EJ16, EJ30, EL32 and G344)	3.61	4.57
L20471	BSG	basigin	3.53	4.57
U26032	EIF2S1	eukaryotic translation initiation factor 2 alpha subunit (EIF2-alpha)	3.21	4.57
D66904	PRMT1	HMT1 (hnRNP methyltransferase, S. cerevisiae)-like 2	2.87	4.57
U02680	TWF1	protein tyrosine kinase 9	2.52	4.57
L07548	ACY1	aminoacylase 1	3.22	4.56
X97335	AKAP1	A kinase (PRKA) anchor protein 1	2.71	4.56
X17644	GSPT1	G1 to S phase transition 1	3.14	4.56
U78095	SPINT2	serine protease inhibitor, Kunitz type, 2	3.69	4.56
U31814	HDAC2	histone deacetylase 2	3.71	4.55
M32977	VEGFA	vascular endothelial growth factor	3.69	4.55
S40706	DDIT3	DNA-damage-inducible transcript 3	3.10	4.55
M33336	PRKAR1A	protein kinase, cAMP-dependent,	2.24	4.54

		regulatory, type I, alpha (tissue specific extinguisher 1)		
Y00486		adenine phosphoribosyltransferase	3.59	4.53
U14588	PXN	paxillin	3.30	4.53
X59618	RRM2	ribonucleotide reductase M2 polypeptide	2.03	4.52
M13194	ERCC1	excision repair cross-complementing rodent repair deficiency, complementation group 1 (includes overlapping antisense sequence)	3.62	4.52
X02492	IFI6	interferon, alpha-inducible protein (clone IFI-6-16)	3.80	4.51
X02308	TYMS	thymidylate synthetase	3.38	4.51
M13982	IL4	interleukin 4	3.22	4.51
D26067	TMEM41B	KIAA0033 protein	2.47	4.50
M14505	CDK4	cyclin-dependent kinase 4	3.37	4.50
L06237		microtubule-associated protein 1B	3.52	4.50
X97795	RAD54L	RAD54 (<i>S.cerevisiae</i>)-like	4.36	4.50
U22431	HIF1A	hypoxia-inducible factor 1, alpha subunit (basic helix-loop-helix transcription factor)	3.58	4.50
U19769	CENPF	centromere protein F (350/400kD, mitotin)	3.57	4.50
U32907	LRRC17	37 kDa leucine-rich repeat (LRR) protein	2.99	4.49
D45887	CALM2	calmodulin 2 (phosphorylase kinase, delta)	3.45	4.49
X91247	TXNRD1	thioredoxin reductase 1	2.61	4.48
AF010312		LPS-induced TNF-alpha factor	3.21	4.46
M27543	GNAI3	guanine nucleotide binding protein (G protein), alpha inhibiting activity polypeptide 3	3.13	4.46
U01038	PLK1	polo (<i>Drosophila</i>)-like kinase	3.23	4.45
J04031	MTHFD1	methylenetetrahydrofolate dehydrogenase (NADP+ dependent), methenyltetrahydrofolate cyclohydrolase, formyltetrahydrofolate synthetase	4.20	4.45
D50516	BMPR2	bone morphogenetic protein receptor, type II (serine/threonine kinase)	3.63	4.45
U34683	GSS	glutathione synthetase	3.62	4.45
X65867	ADSL	adenylosuccinate lyase	2.71	4.45
X00351	ACTB	actin, beta	4.19	4.45
D38551	RAD21	RAD21 (<i>S. pombe</i>) homolog	3.74	4.44
M62829	EGR1	early growth response 1	5.21	4.44
X82200	TRIM22	stimulated trans-acting factor (50 kDa)	4.31	4.44
S78085	PDCD2	programmed cell death 2	3.02	4.44
M19645		heat shock 70kD protein 5 (glucose-regulated protein, 78kD)	3.78	4.43
X00737	NP	nucleoside phosphorylase	3.42	4.43
L22005	CDC34	cell division cycle 34	3.46	4.43
X54941	CKS1B	CDC28 protein kinase 1	2.80	4.43
X74794	MCM4	minichromosome maintenance deficient (<i>S. cerevisiae</i>) 4	2.44	4.43
U89278		early development regulator 2 (homolog of polyhomeotic 2)	3.18	4.42
L13972	ST3GAL1	sialyltransferase 4A (beta-galactosidase alpha-2,3-sialyltransferase)	3.09	4.42

U27655	RGS3	regulator of G-protein signalling 3	3.48	4.42
U79271	AKT3	clones 23920 & 23921 (IMAGE Consortium human infant brain library 1NIB)	2.93	4.42
X06820	RHOB	ras homolog gene family, member B	3.79	4.42
AF029670	RAD51C	RAD51 (<i>S. cerevisiae</i>) homolog C	3.11	4.42
S72008	SEPT7	CDC10 (cell division cycle 10, <i>S. cerevisiae</i> , homolog)	3.15	4.41
M26326		keratin 18	3.76	4.41
M54968		v-Ki-ras2 Kirsten rat sarcoma 2 viral oncogene homolog	3.39	4.41
D16234	PDIA3	glucose regulated protein, 58kD	3.22	4.41
D50477		matrix metalloproteinase 16 (MMP16); membrane-type matrix metalloproteinase 3 (MT-MMP3); MMP-X2	3.56	4.40
X51688	CCNA2	cyclin A2	2.86	4.40
U00001	CDC27	cell division cycle 27	3.08	4.39
L15409	VHL	von Hippel-Lindau syndrome	1.93	4.38
L39874		dCMP deaminase	2.88	4.38
D13866	CTNNA1	alpha1 catenin (CTNNA1); cadherin-associated protein	3.90	4.38
J04088	TOP2A	topoisomerase (DNA) II alpha (170kD)	3.34	4.38
X54199	GART	phosphoribosylglycinamide formyltransferase, phosphoribosylglycinamide synthetase, phosphoribosylaminoimidazole synthetase	3.31	4.38
M99061	KRT2	keratin 2A (epidermal ichthyosis bullosa of Siemens)	1.84	4.37
U56833	VBP1	von Hippel-Lindau binding protein 1	3.55	4.37
U01134	FLT1	fms-related tyrosine kinase 1 (vascular endothelial growth factor/vascular permeability factor receptor)	3.28	4.37
M87339		replication factor C (activator 1) 4 (37kD)	3.44	4.37
U69276	GRB10	growth factor receptor-bound protein 10	2.36	4.36
X75342	SHB	SHB adaptor protein (a Src homology 2 protein)	2.73	4.36
M61764	TUBG1	tubulin, gamma 1	1.34	4.35
X56681		jun D proto-oncogene	3.33	4.35
U68723	CHES1	checkpoint suppressor 1	3.30	4.35
D21063	MCM2	MCM2 DNA replication licensing factor; nuclear protein BM28; KIAA0030	3.07	4.34
U59752	PSCD2	pleckstrin homology, Sec7 and coiled/coiled domains 2 (cytohesin-2)	3.79	4.33
U93236	MEN1	multiple endocrine neoplasia I	3.19	4.33
U57342	MLF2	myeloid leukemia factor 2	3.84	4.33
U35048	TSC22D1	transforming growth factor beta-stimulated protein TSC-22	3.12	4.33
AF003521	JAG2	jagged 2	3.34	4.33
U41745	PDAP1	PDGF associated protein	3.39	4.32
X57398	NOMO1	pM5 protein	3.40	4.32
L33801	GSK3B	glycogen synthase kinase 3 beta	3.35	4.32
X02761	FN1	fibronectin 1	4.32	4.31
U09825		zinc finger protein 173	2.94	4.31

U68418	BCAT2	branched chain aminotransferase 2, mitochondrial	3.50	4.31
D78335	UCK2	uridine monophosphate kinase	3.10	4.31
U08377	SFRS8	splicing factor, arginine/serine-rich 8 (suppressor-of-white-apricot, Drosophila homolog)	3.05	4.31
U65410	MAD2L1	mitotic feedback control protein MADP2 homolog	2.75	4.30
J03824	UROS	uroporphyrinogen III synthase (congenital erythropoietic porphyria)	3.52	4.29
U69126	KHSRP	KH-type splicing regulatory protein (FUSE binding protein 2)	3.69	4.29
U29656	NME3	non-metastatic cells 3, protein expressed in	3.80	4.29
X03124	TIMP1	tissue inhibitor of metalloproteinase 1 (erythroid potentiating activity, collagenase inhibitor)	5.31	4.29
D13365	MT3	metallothionein III (MT3); brain growth inhibitory factor (GIFB)	4.43	4.28
X06374	PDGFA	platelet-derived growth factor alpha polypeptide	4.41	4.28
M35410	IGFBP2	insulin-like growth factor binding protein 2 (36kD)	4.54	4.27
AF005482	HDAC3	histone deacetylase 3	2.24	4.27
L07633	PSME1	proteasome (prosome, macropain) activator subunit 1 (PA28 alpha)	3.19	4.27
U21092	TRAF3	TNF receptor-associated factor 3	4.87	4.27
A25270		interferon gamma antagonist (IFN-gamma antagonist)	2.79	4.26
M11233	CTSD	cathepsin D (lysosomal aspartyl protease)	3.64	4.26
AB002301	MAST4	KIAA0303 protein	2.71	4.26
M64595		ras-related C3 botulinum toxin substrate 2 (rho family, small GTP binding protein Rac2)	2.96	4.25
J04809		adenylate kinase 1	2.52	4.24
U27193	DUSP8	dual specificity phosphatase 8	3.76	4.24
U51432	SNW1	SKI-INTERACTING PROTEIN	2.85	4.24
X02812	TGFB1	transforming growth factor, beta 1	4.02	4.23
U09579	CDKN1A	cyclin-dependent kinase inhibitor 1A (CDKN1A); melanoma differentiation-associated protein 6 (MDA6); CDK-interacting protein 1 (CIP1); WAF1; SDI1	3.11	4.23
X73478	PPP2R4	protein phosphatase 2A, regulatory subunit B` (PR 53)	3.25	4.23
J05272	IMPDH1	IMP (inosine monophosphate) dehydrogenase 1	3.39	4.22
X66364	CDK5	cyclin-dependent kinase 5	3.71	4.22
X02152	LDHA	lactate dehydrogenase A	3.64	4.22
U35835	PRKDC	DNA-dependent protein kinase (DNA-PK); DNA-PK catalytic subunit (DNA-PKCS)	3.90	4.22
U24166	MAPRE1	microtubule-associated protein, RP/EB family, member 1	3.83	4.21
M82882	ELF1	E74-like factor 1 (ets domain transcription factor)	2.86	4.21
X15879	COL6A1	collagen VI alpha 1 subunit (COL6A1)	2.58	4.21

M15530	CNOT1	B-cell growth factor 1 (12kD)	3.70	4.21
U49278		ubiquitin-conjugating enzyme E2 variant 1	3.24	4.20
U58048	PCOLN3	procollagen (type III) N-endopeptidase	2.99	4.19
D16431	HDGF	hepatoma-derived growth factor (high-mobility group protein 1-like)	4.00	4.18
M15400	RB1	retinoblastoma 1 (including osteosarcoma)	3.50	4.18
L07597	RPS6KA1	ribosomal protein S6 kinase, 90kD, polypeptide 1	4.16	4.17
X85753	CDK8	cyclin-dependent kinase 8	3.28	4.17
X62055		protein tyrosine phosphatase, non-receptor type 6	1.55	4.17
D86984	LRRC8B	KIAA0231 protein	3.06	4.16
X57766	MMP11	matrix metalloproteinase 11 (stromelysin 3)	4.75	4.15
M15518	PLAT	plasminogen activator, tissue	5.35	4.15
X53793	PAICS	multifunctional polypeptide similar to SAICAR synthetase and AIR carboxylase	2.90	4.14
L33264	CDK10	cyclin-dependent kinase (CDC2-like) 10	3.20	4.13
U07707	EPS15	epidermal growth factor receptor pathway substrate 15	3.19	4.13
U12134	RAD52	RAD52 (<i>S. cerevisiae</i>) homolog	3.92	4.13
L76200	GUK1	guanylate kinase 1	3.80	4.12
L11931	SHMT1	serine hydroxymethyltransferase 1 (soluble)	4.49	4.12
U12431		ELAV (embryonic lethal, abnormal vision, <i>Drosophila</i>)-like 2	1.86	4.12
M35663	EIF2AK2	protein kinase, interferon-inducible double stranded RNA dependent	2.91	4.11
AF006484	CDK2AP1	deleted in oral cancer (mouse, homolog) 1	3.60	4.11
D50927	TLK1	tousled-like kinase 1	2.51	4.10
X60673	AK3L1	adenylate kinase 3	1.91	4.10
M95712	BRAF	v-raf murine sarcoma viral oncogene homolog B1	3.61	4.10
X99050		UV radiation resistance associated gene	3.17	4.09
U22897	CALCOC O2	nuclear domain 10 protein	3.51	4.09
X03484	RAF1	v-raf-1 murine leukemia viral oncogene homolog 1	2.97	4.09
L07515	CBX5	chromobox homolog 5 (<i>Drosophila</i> HP1 alpha)	2.84	4.08
M32800	HLA-G	HLA-G histocompatibility antigen, class I, G	2.86	4.07
J03161	SRF	serum response factor (c-fos serum response element-binding transcription factor)	3.75	4.05
AF006515		chromodomain helicase DNA binding protein 3	3.50	4.04
D00860	PRPS1	phosphoribosyl pyrophosphate synthetase 1	3.44	4.04
AF027292	IRF6	interferon regulatory factor 6	3.57	4.04
J03133	SP1	Sp1 transcription factor	3.84	4.04
D63878	SEPT2	neural precursor cell expressed, developmentally down-regulated 5	4.05	4.04
U15642	E2F5	E2F transcription factor 5, p130-binding	1.59	4.04
D63485	IKBKE	IKK-related kinase epsilon; inducible I kappa B kinase	4.53	4.03

U25265		mitogen-activated protein kinase kinase 5	3.05	4.03
D37984	RECQL	RecQ protein-like (DNA helicase Q1-like)	3.59	4.02
X65550	MKI67	antigen identified by monoclonal antibody Ki-67	1.65	4.02
U24153		p21 (CDKN1A)-activated kinase 2	3.60	4.01
S66431	JARID1A	retinoblastoma-binding protein 2	3.24	4.01
L36818	INPPL1	51C protein (homology with inositol polyphosphate phosphatases)	2.67	4.01
M25269	ELK1	protein tyrosine phosphatase, non-receptor type 2	3.13	4.00
U65011	PRAME	preferentially expressed antigen in melanoma	2.74	4.00
D17547	DCT	dopachrome tautomerase (dopachrome delta-isomerase, tyrosine-related protein 2)	3.31	4.00
U49070	PIN1	protein (peptidyl-prolyl cis/trans isomerase) NIMA-interacting 1	3.66	4.00
U47686	STAT5B	signal transducer and activator of transcription 5B	2.74	3.98
X74594	RBL2	retinoblastoma-like 2 (p130)	2.72	3.98
U60519	CASP10	caspase 10, apoptosis-related cysteine protease	4.69	3.98
X55544		activating transcription factor 1	3.51	3.97
U01147	ABR	active BCR-related gene	2.90	3.97
AF011792	TBRG4	cell cycle progression 2 protein	2.68	3.97
X52221		excision repair cross-complementing rodent repair deficiency, complementation group 2 (xeroderma pigmentosum D)	4.01	3.97
M11886	HLA-B	major histocompatibility complex, class I, C	3.41	3.97
M11730	ERBB2	v-erb-b2 avian erythroblastic leukemia viral oncogene homolog 2 (neuro/glioblastoma derived oncogene homolog)	3.19	3.95
U18300	DDB2	damage-specific DNA binding protein 2 (48kD)	2.48	3.95
M15024	MYB	v-myb avian myeloblastosis viral oncogene homolog	3.33	3.95
X91940	WNT8B	wingless-type MMTV integration site family, member 8B	3.63	3.95
L05624	MAP2K1	mitogen-activated protein kinase kinase 1	3.89	3.95
M34225	KRT8	keratin 8	2.93	3.94
X59798	CCND1	cyclin D1 (PRAD1)	3.54	3.93
M86400	YWHAZ	tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, zeta polypeptide	2.72	3.92
Y10479	E2F3	E2F transcription factor 3	3.01	3.92
M31899	ERCC3	excision repair cross-complementing rodent repair deficiency, complementation group 3 (xeroderma pigmentosum group B complementing)	2.62	3.92
L07541	RFC3	replication factor C (activator 1) 3 (38kD)	3.35	3.92
M25639	MIF	macrophage migration inhibitory factor (glycosylation-inhibiting factor)	3.55	3.91
D13804	RAD51	RAD51 (<i>S. cerevisiae</i>) homolog (E coli RecA homolog)	3.14	3.90

M36542	POU2F2	POU domain, class 2, transcription factor 2	3.92	3.90
S83390	NCOR2	nuclear receptor co-repressor 2	3.29	3.90
M35416	RALB	v-ral simian leukemia viral oncogene homolog B (ras related; GTP binding protein)	3.12	3.89
U66197	FGF12	fibroblast growth factor 12	3.98	3.89
X53655	NTF3	neurotrophin 3	4.17	3.89
X83441	LIG4	ligase IV, DNA, ATP-dependent	3.36	3.89
U47741	CREBBP	CREB binding protein (Rubinstein-Taybi syndrome)	1.55	3.87
X80692	MAPK6	mitogen-activated protein kinase 6	2.37	3.87
U33841	ATM	ataxia telangiectasia mutated (includes complementation groups A, C and D)	3.33	3.87
U72649	BTG2	BTG family, member 2	1.61	3.86
J03250	TOP1	topoisomerase (DNA) I	3.61	3.86
V00574		v-Ha-ras Harvey rat sarcoma viral oncogene homolog	3.98	3.85
U63131	CDC37	CDC37 (cell division cycle 37, <i>S. cerevisiae</i> , homolog)	3.46	3.85
AJ002211	CXCL13	small inducible cytokine B subfamily (Cys-X-Cys motif), member 13 (B-cell chemoattractant)	1.33	3.85
X85106	RPS6KA2	ribosomal protein S6 kinase, 90kD, polypeptide 2	3.05	3.85
U13696		postmeiotic segregation increased (<i>S. cerevisiae</i>) 2	3.19	3.84
Z30183		tissue inhibitor of metalloproteinase 3 (Sorsby fundus dystrophy, pseudoinflammatory)	3.43	3.84
M96577	APBA2BP	E2F transcription factor 1	3.34	3.84
M54995	PPBP	pro-platelet basic protein (includes platelet basic protein, beta-thromboglobulin, connective tissue-activating peptide III, neutrophil-activating peptide-2)	3.35	3.84
AF040963	MXD4	Mad4 homolog	3.34	3.83
M91083	RASSF7	chromosome 11 open reading frame 13	1.78	3.83
U18291	CDC16	CDC16 (cell division cycle 16, <i>S. cerevisiae</i> , homolog)	2.63	3.81
Y00815		protein tyrosine phosphatase, receptor type, F	3.62	3.81
X87838	CTNNB1	catenin (cadherin-associated protein), beta 1 (88kD)	3.17	3.81
M36067	LIG1	ligase I, DNA, ATP-dependent	4.00	3.80
U13737	CASP3	caspase 3, apoptosis-related cysteine protease	3.16	3.80
M96684	PURA	purine-rich element binding protein A	4.12	3.80
X86779	FASTK	Fas-activated serine/threonine kinase	2.22	3.80
U68485	BIN1	bridging integrator 1	2.73	3.79
X98085	TNR	tenascin R (restrictin, janusin)	3.52	3.79
M73779		retinoic acid receptor alpha (RAR-alpha; RARA); PML-RAR protein	2.74	3.78
M58603	NFKB1	nuclear factor of kappa light polypeptide gene enhancer in B-cells 1 (p105)	3.60	3.78

J03571	ALOX5	arachidonate 5-lipoxygenase	3.60	3.77
U26424	STK3	serine/threonine kinase 3 (Ste20, yeast homolog)	1.43	3.76
AF009510	TAPBP	TAP binding protein (tapasin)	3.35	3.76
M87338		replication factor C (activator 1) 2 (40kD)	4.55	3.75
X78565	TNC	hexabrachion (tenascin C, cytotactin)	4.60	3.74
U33052	PKN2	protein kinase C-like 2	3.12	3.73
AF010309	TP53I3	quinone oxidoreductase homolog	3.46	3.73
U28811	GLG1	Golgi apparatus protein 1	2.84	3.72
Z12020	MDM2	mouse double minute 2, human homolog of; p53-binding protein	2.92	3.72
L25676	CDK9	cyclin-dependent kinase 9 (CDC2-related kinase)	3.17	3.71
U59863	TANK	TRAF family member-associated NFKB activator	3.12	3.70
M32865	XRCC6	thyroid autoantigen 70kD (Ku antigen)	2.95	3.70
M14694	TP53	tumor protein p53 (Li-Fraumeni syndrome)	3.30	3.70
U16296	TIAM1	T-cell lymphoma invasion and metastasis 1	3.73	3.69
M35543	CDC42	cell division cycle 42 (GTP-binding protein, 25kD)	3.22	3.68
M63959	LRPAP1	low density lipoprotein-related protein-associated protein 1 (alpha-2-macroglobulin receptor-associated protein 1)	2.24	3.68
U33053	PKN1	protein kinase C-like 1	3.06	3.68
X51521	VIL2	villin 2 (ezrin)	4.97	3.67
M97934	STAT2	113-kDa signal transducer and activator of transcription 2 (STAT2; STAT113)	2.12	3.67
U43527	KISS1	KiSS-1 metastasis-suppressor	2.91	3.67
M85289	HSPG2	heparan sulfate proteoglycan 2 (perlecan)	3.59	3.63
X06745	POLA1	polymerase (DNA directed), alpha	3.99	3.63
M55172	AGC1	aggrecan 1 (chondroitin sulfate proteoglycan 1, large aggregating proteoglycan, antigen identified by monoclonal antibody A0122)	4.79	3.63
M20566		interleukin 6 receptor alpha subunit (IL6R-alpha; IL6RA); CD126 antigen	2.76	3.62
AB000450	VRK2	vaccinia related kinase 2	2.57	3.60
M68520	CDK2	cyclin-dependent kinase 2	3.02	3.60
M15990	YES1	v-yes-1 Yamaguchi sarcoma viral oncogene homolog 1	3.16	3.59
U78305	PPM1D	protein phosphatase 1D magnesium-dependent, delta isoform	2.46	3.59
M73980	NOTCH1	Notch (Drosophila) homolog 1 (translocation-associated)	3.71	3.58
L78440	STAT4	signal transducer and activator of transcription 4	3.18	3.57
U40622	XRCC4	X-ray repair complementing defective repair in Chinese hamster cells 4	3.27	3.56
L29220	CLK3	CDC-like kinase 3	3.41	3.54
L24038		v-raf murine sarcoma 3611 viral oncogene homolog 1	3.33	3.54
M22489	BMP2	bone morphogenetic protein 2	4.51	3.54
U44975	KLF6	core promoter element binding protein	1.61	3.53

S73885	TFAP4	transcription factor AP-4 (activating enhancer-binding protein 4)	2.62	3.52
X85786	RFX5	regulatory factor X, 5 (influences HLA class II expression)	1.71	3.52
L29277		signal transducer and activator of transcription 3 (acute-phase response factor)	2.73	3.52
Y10313	IFRD1	interferon-related developmental regulator 1	3.59	3.50
U69127	FUBP3	far upstream element (FUSE) binding protein 3	2.67	3.48
L19067	RELA	v-rel avian reticuloendotheliosis viral oncogene homolog A (nuclear factor of kappa light polypeptide gene enhancer in B-cells 3 (p65))	2.43	3.47
M69013		guanine nucleotide binding protein (G protein), alpha 11 (Gq class)	2.91	3.46
U86759	NTN2L	netrin 2 (chicken)-like	3.57	3.45
M30269	NID1	nidogen (enactin)	3.79	3.43
M81933	CDC25A	cell division cycle 25A	2.20	3.43
X63692	DNMT1	DNA (cytosine-5-)-methyltransferase 1	3.95	3.42
X68060	TOP2B	topoisomerase (DNA) II beta (180kD)	3.41	3.41
M29971	MGMT	O-6-methylguanine-DNA methyltransferase	3.69	3.40
U19796	MRPL28	melanoma-associated antigen recognised by cytotoxic T lymphocytes	3.15	3.40
X90392	DNASE1L1	deoxyribonuclease I-like 1	2.77	3.40
M97935		signal transducer and activator of transcription 1, 91kD	3.48	3.38
L20046	ERCC5	excision repair cross-complementing rodent repair deficiency, complementation group 5 (xeroderma pigmentosum, complementation group G (Cockayne syndrome))	2.71	3.37
M16279	CD99	antigen identified by monoclonal antibodies 12E7, F21 and O13	3.52	3.36
M35198	ITGB6	integrin, beta 6	3.25	3.35
X84740	LIG3	ligase III, DNA, ATP-dependent	2.94	3.34
U77493	NOTCH2	neurogenic locus notch protein homolog 2 (NOTCH2)	2.70	3.32
X85134	RBBP5	retinoblastoma-binding protein 5	1.89	3.31
L47738	CYFIP2	p53 inducible protein	3.09	3.31
M77830	DSP	desmoplakin (DPI, DP11)	3.02	3.30
X14454	IRF1	interferon regulatory factor 1	2.83	3.30
X04602	IL6	interleukin 6 (interferon, beta 2)	4.11	3.29
AF024636	STK24	serine/threonine kinase 24 (Ste20, yeast homolog)	2.42	3.28
X97630	MARK2	ELKL motif kinase	2.97	3.26
M29474	RAG1	recombination activating gene 1	2.77	3.25
M92642	COL16A1	collagen, type XVI, alpha 1	3.66	3.25
U77949	CDC6	CDC6 (cell division cycle 6, S. cerevisiae) homolog	3.43	3.25
L41690	TRADD	TNFRSF1A-associated via death domain	2.15	3.24
Z56281	IRF3	interferon regulatory factor 3	2.54	3.23

M36089		X-ray repair complementing defective repair in Chinese hamster cells 1	4.35	3.20
U65416		MHC class I polypeptide-related sequence B	3.34	3.17
L22548	COL18A1	collagen, type XVIII, alpha 1	4.17	3.16
M80629	CDC2L5	cell division cycle 2-like 5 (cholinesterase-related cell division controller)	2.90	3.15
M29039		jun B proto-oncogene	2.96	3.14
X14787	THBS1	thrombospondin 1	4.14	3.11
X05232	MMP3	matrix metalloproteinase 3 (stromelysin 1, progelatinase)	3.52	3.09
X85133	RBBP6	retinoblastoma-binding protein 6	2.47	3.01
U22398	CDKN1C	cyclin-dependent kinase inhibitor 1C (p57, Kip2)	3.01	2.99
M22995	RAP1A	RAP1A, member of RAS oncogene family	3.11	2.97
M96956	TDGF3	teratocarcinoma-derived growth factor 3, pseudogene	3.43	2.96
U43522	PTK2B	protein tyrosine kinase 2 beta	2.22	2.91
M84820	RXRB	retinoid X receptor, beta	3.13	2.87
U20537	PLA2G12 A	caspase 6, apoptosis-related cysteine protease	3.21	2.86
X76104	DAPK1	death-associated protein kinase 1	3.26	2.79
X94991	ZYX	zyxin	3.43	2.77
U25278	MAPK7	mitogen-activated protein kinase 7	2.89	2.75
U35113	MTA1	metastasis associated 1	3.06	2.74
U32169		collagen, type XI, alpha 2	4.18	2.70
M24857	RARG	retinoic acid receptor, gamma	3.70	2.69
X63547		ubiquitin specific protease 6 (Tre-2 oncogene)	2.44	2.67
AF028593	JAG1	jagged 1 (Alagille syndrome)	2.85	2.40
U56390	CASP9	caspase 9, apoptosis-related cysteine protease	4.24	2.28
X75042	REL	v-rel avian reticuloendotheliosis viral oncogene homolog	3.60	2.23
M54915	PIM1	pim-1 oncogene	2.24	1.27
D13666	POSTN	osteoblast specific factor 2 (fascin I-like)	0.72	BNT
M73812	CCNE1	cyclin E1	0.80	BNT
Z34289	NOLC1	nucleolar phosphoprotein p130	0.88	BNT
X01992	IFNG	interferon gamma (IFN-gamma; IFNG)	1.23	BNT
J03909		interferon, gamma-inducible protein 30	1.30	BNT
X04571	EGF	epidermal growth factor (beta-urogastrone)	1.39	BNT
X60957	TIE1	tyrosine kinase with immunoglobulin and epidermal growth factor homology domains	1.47	BNT
L29222		CDC-like kinase1	1.57	BNT
U38545	PLD1	phospholipase D1, phosphatidylcholine-specific	1.60	BNT
M20430	HLA-DRB1	major histocompatibility complex, class II, DR beta 5	1.62	BNT
M17219	GNAI1	guanine nucleotide binding protein (G protein), alpha inhibiting activity polypeptide 1	1.68	BNT
D78345		membrane-bound & secreted immunoglobulin gamma heavy chain (IgG3)	1.90	BNT

		+ immunoglobulin lambda heavy chain (IgG1L) + immunoglobulin kappa heavy chain (IgG1K) + immunoglobulin G1 Fc fragment (IgG1)		
Y11416	TP73	tumor protein p73	1.92	BNT
Z36715	ELK3	ELK3, ETS-domain protein (SRF accessory protein 2)	2.01	BNT
M19720		v-myc avian myelocytomatosis viral oncogene homolog 1, lung carcinoma derived	2.06	BNT
M28249		integrin alpha 2 (ITGA2); CD49B antigen; very late activation protein 2 receptor alpha 2 subunit (VLA2 receptor-alpha 2; VLAA2); platelet membrane glycoprotein IA (GPIA)	2.20	BNT
X66360	PCTK2	PCTAIRE protein kinase 2	2.39	BNT
D14533	XPA	xeroderma pigmentosum, complementation group A	2.39	BNT
X68742	PELO	integrin, alpha 1	2.42	BNT
M76125	AXL	AXL receptor tyrosine kinase	2.42	BNT
X51943	FGF1	fibroblast growth factor 1 (acidic)	2.43	BNT
L06801	IL13	interleukin 13	2.46	BNT
L20320	CDK7	cyclin-dependent kinase 7 (homolog of Xenopus MO15 cdk-activating kinase)	2.57	BNT
AF002246	CHL1	cell adhesion molecule with homology to L1CAM (close homologue of L1)	2.57	BNT
U21051		G protein-coupled receptor 4	2.58	BNT
U40462	IKZF1	zinc finger protein, subfamily 1A, 1 (Ikaros)	2.61	BNT
A26792		ciliary neurotrophic factor (CNTF)	2.66	BNT
X68203	FLT4	fms-related tyrosine kinase 4	2.68	BNT
Z11583	NUMA1	nuclear mitotic apparatus protein 1	2.69	BNT
U16261	IL24	suppression of tumorigenicity 16 (melanoma differentiation)	2.71	BNT
M28882	MCAM	melanoma adhesion molecule	2.71	BNT
X52192	FES	feline sarcoma (Snyder-Theilen) viral (v-fes)/Fujinami avian sarcoma (PRCII) viral (v-fps) oncogene homolog	2.73	BNT
S71043		immunoglobulin alpha 1 heavy chain constant region (IgA1; IGHA1) + immunoglobulin alpha 2 heavy chain constant region (IgA2; IGHA2)	2.74	BNT
M94151	CTNNA2	catenin (cadherin-associated protein), alpha 2	2.78	BNT
U69108	TRAF5	TNF receptor-associated factor 5	2.79	BNT
D11117		homeo box D3	2.81	BNT
U60520	CASP8	caspase 8, apoptosis-related cysteine protease	2.83	BNT
L36531	ITGA8	integrin, alpha 8	2.85	BNT
D84064	HGS	hepatocyte growth factor-regulated tyrosine kinase substrate	2.85	BNT
U08839	PLAUR	plasminogen activator, urokinase receptor	2.89	BNT
X52773	RXRA	retinoid X receptor, alpha	2.91	BNT
AF022805	MAP2K7	mitogen-activated protein kinase kinase 7	2.91	BNT

X07820	MMP10	matrix metalloproteinase 10 (stromelysin 2)	2.93	BNT
X63629	CDH3	cadherin 3, P-cadherin (placental)	2.94	BNT
L29216	CLK2	CDC-like kinase 2	2.95	BNT
AF007111	MDM4	mouse double minute 4, human homolog of; p53-binding protein	3.00	BNT
X89576	MMP17	matrix metalloproteinase 17 (membrane-inserted)	3.02	BNT
U43148	PTCH1	patched (Drosophila) homolog	3.05	BNT
D14012	HGFAC	HGF activator	3.07	BNT
U43746		breast cancer 2, early onset	3.08	BNT
M80783	TNFAIP1	tumor necrosis factor, alpha-induced protein 1 (endothelial)	3.10	BNT
Z48482	MMP15	matrix metalloproteinase 15 (membrane-inserted)	3.10	BNT
D63780	STK25	serine/threonine kinase 25 (Ste20, yeast homolog)	3.11	BNT
L34056	CDH11	cadherin 11, OB-cadherin (osteoblast)	3.13	BNT
J04599	BGN	biglycan	3.15	BNT
M35296	ABL2	v-abl Abelson murine leukemia viral oncogene homolog 2 (arg, Abelson-related gene)	3.16	BNT
M63167	AKT1	v-akt murine thymoma viral oncogene homolog 1	3.17	BNT
L07540	RFC5	replication factor C (activator 1) 5 (36.5kD)	3.17	BNT
L12002	ITGA4	integrin, alpha 4 (antigen CD49D, alpha 4 subunit of VLA-4 receptor)	3.19	BNT
M92287	CCND3	cyclin D3	3.22	BNT
A09781		interferon gamma receptor (IFNGR)	3.24	BNT
X72755	CXCL9	monokine induced by gamma interferon	3.26	BNT
L13698	GAS1	growth arrest-specific 1	3.28	BNT
U84388	CRADD	CASP2 and RIPK1 domain containing adaptor with death domain	3.34	BNT
L23808	MMP12	matrix metalloproteinase 12 (macrophage elastase)	3.34	BNT
U76456	TIMP4	tissue inhibitor of metalloproteinase 4	3.36	BNT
M83664	HLA-DPB1	major histocompatibility complex, class II, DP beta 1	3.36	BNT
U31628	IL15RA	interleukin 15 receptor, alpha	3.36	BNT
M27749	IGLL1	immunoglobulin-related 14.1 protein	3.41	BNT
J03241	TGFB3	transforming growth factor, beta 3	3.41	BNT
J04177	COL11A1	collagen, type XI, alpha 1	3.41	BNT
U53786	EVPL	envoplakin	3.53	BNT
A03911		serine (or cysteine) proteinase inhibitor, clade E (nexin, plasminogen activator inhibitor type 1), member 2	3.54	BNT
X92106	BLMH	bleomycin hydrolase	3.56	BNT
AF017988	SFRP5	secreted frizzled-related protein 5	3.57	BNT
D49742	HABP2	hyaluronan-binding protein 2	3.58	BNT
L27211	CDKN2A	cyclin-dependent kinase inhibitor 2A (melanoma, p16, inhibits CDK4)	3.61	BNT
M61176	BDNF	brain-derived neurotrophic factor	3.63	BNT
M21626		T cell receptor alpha variable 14/delta	3.63	BNT

		variable 4		
L37882	FZD2	frizzled (Drosophila) homolog 2	3.67	BNT
Y09392	TNFRSF2 5	tumor necrosis factor receptor superfamily, member 12 (translocating chain-association membrane protein)	3.67	BNT
L38503	GSTT2	glutathione S-transferase theta 2	3.68	BNT
X95425		ephrin type-A receptor 5; tyrosine-protein kinase receptor EHK1; EPH homology kinase-1; HEK7	3.68	BNT
X53587	ITGB4	integrin beta 4 (ITGB4)	3.69	BNT
Y10256	MAP3K14	mitogen-activated protein kinase kinase kinase 14	3.72	BNT
S41541		neurotrophin 6, gamma	3.72	BNT
L12350	THBS2	thrombospondin 2	3.74	BNT
X71874		proteasome (prosome, macropain) subunit, beta type, 10	3.76	BNT
M18082	SERPINB 2	serine (or cysteine) proteinase inhibitor, clade B (ovalbumin), member 2	3.78	BNT
M19154	TGFB2	transforming growth factor, beta 2	3.79	BNT
X87852	PLXNA3	SEX gene	3.82	BNT
X78817	ARHGAP4	Rho GTPase activating protein 4	3.83	BNT
D30751		bone morphogenetic protein 4	3.84	BNT
D26512	MMP14	matrix metalloproteinase 1 (MMP14); MMP- X1; membrane-type matrix metalloproteinase 1 (MT-MMP1)	3.85	BNT
U33635	PTK7	PTK7 protein tyrosine kinase 7	3.88	BNT
U84401	SMO	smoothened (Drosophila) homolog	3.91	BNT
X66362	PCTK3	PCTAIRE protein kinase 3	3.99	BNT
J05593	TIMP2	tissue inhibitor of metalloproteinase 2	3.99	BNT
L24564	RRAD	Ras-related associated with diabetes	4.00	BNT
M74178	MST1	macrophage stimulating 1 (hepatocyte growth factor-like)	4.04	BNT
X76132	DCC	deleted in colorectal carcinoma	4.05	BNT
J05070	MMP9	matrix metalloproteinase 9 (gelatinase B, 92kD gelatinase, 92kD type IV collagenase)	4.05	BNT
X54101	GNLY	granulysin	4.06	BNT
U33920	SEMA3F	sema domain, immunoglobulin domain (Ig), short basic domain, secreted, (semaphorin) 3F	4.11	BNT
M62880	ITGB7	integrin, beta 7	4.12	BNT
NM_005417	SRC	C-src proto-oncogene (SRC1)	4.24	BNT
U04806	FLT3LG	fms-related tyrosine kinase 3 ligand	4.25	BNT
K01171	HLA-DRA	major histocompatibility complex, class II, DR alpha	4.29	BNT
U12255	FCGRT	Fc fragment of IgG, receptor, transporter, alpha	4.40	BNT
M15476	PLAU	plasminogen activator, urokinase	4.43	BNT
U95299	NOTCH4	Notch (Drosophila) homolog 4	4.76	BNT